ABSTRACT OF THE DISCLOSURE

1   An Instruction Pointer (IP) signal is received comprising an IP tag field and an IP set

2   field. A plurality of entries corresponding to the IP set field are read, each of the entries

3   comprising an entry tag, an entry bank, and entry data. Each entry tag and entry bank is then

4   compared with the IP tag and each of the plurality of banks. In one embodiment, the IP tag is

5   concatenated with a number representing one of the plurality of banks and compared to the entry

6   tag and entry bank. Separate comparisons may then be performed for each of the other banks.